

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

## Sativum OB Red Velvet Brownie - 20mg

NDC: 3146

Packaging Date: 04/06/2017 Net Wt: 32.8 g  
Expiration Date: 05/06/2017 1.15 oz

Testing Date: 04/05/2017

Flower Equivalence: 0.08 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

|           |         |                 |         |
|-----------|---------|-----------------|---------|
| a-Pinene  | < 0.1 % | Ocimene         | < 0.1 % |
| B-Pinene  | < 0.1 % | Linalool        | < 0.1 % |
| B-Myrcene | < 0.1 % | B-Caryophyllene | < 0.1 % |
| Limonene  | < 0.1 % | Humulene        | < 0.1 % |

Cannabinoid Content per Unit:

|          |         |          |          |          |         |          |         |
|----------|---------|----------|----------|----------|---------|----------|---------|
| THC-A    | THC     | CBD-A    | CBD      | CBG-A    | CBG     | CBN      | CBC     |
| < 0.1 mg | 20.0 mg | < 0.1 mg | < 0.1 mg | < 0.1 mg | 0.3 mg  | < 0.1 mg | 0.3 mg  |
| < 0.1 %  | 0.1 %   | < 0.1 %  | < 0.1 %  | < 0.1 %  | < 0.1 % | < 0.1 %  | < 0.1 % |

Batch: AGL-SBO-170328-RV

Ingredients: Granulated sugar, Unsalted butter  
(Milk), Eggs, Unbleached Wheat Flour, Cocoa powder,  
Vanilla, Red Food Dye (Water, FD&C Red #40, FD&C  
Yellow #6, Citric Acid, Sodium Benzoate (as a  
preservative), and FD&C Blue #1), Apple Cider  
Vinegar, Salt, Cannabis Oil.

Customer Name: Advanced Grow Labs, LLC  
Customer Address: 400 Frontage Road  
West Haven, CT 06516  
Phone Number: 475-227-0028

Results issued on: 4/6/2017 COA No.: 21040517-C

| Client Lot Number | Sample ID | Tests Conducted                |
|-------------------|-----------|--------------------------------|
| SBO-170328-RV     | 3235-4    | Active Ingredient Analysis     |
|                   | 3235-4    | Terpene Analysis               |
|                   | 3235-4    | Water Activity and pH Analysis |

### **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 32.8-gram edible |
|------------------------------------------------------------|-------------------------|-------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.1%                   | <0.1                    |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 0.1%                    | 20.0                    |
| Cannabidiol Acid (CBD-A)                                   | <0.1%                   | <0.1                    |
| Cannabidiol (CBD)                                          | <0.1%                   | <0.1                    |
| Cannabigerol Acid (CBG-A)                                  | <0.1%                   | <0.1                    |
| Cannabigerol (CBG)                                         | <0.1%                   | 0.3                     |
| Cannabinol (CBN)                                           | <0.1%                   | <0.1                    |
| Cannabichromene (CBC)                                      | <0.1%                   | 0.3                     |

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Client Lot Number: **SBO-170328-RV**



### **Terpene Content Results**

*via Gas Chromatography Mass Spectrometry (GC-MS)*

| Terpene                | Percent by weight<br>(w/w) |
|------------------------|----------------------------|
| $\alpha$ -Pinene       | <0.1%                      |
| $\beta$ -Pinene        | <0.1%                      |
| $\beta$ -Myrcene       | <0.1%                      |
| Limonene               | <0.1%                      |
| Ocimene                | <0.1%                      |
| Linalool               | <0.1%                      |
| $\beta$ -Caryophyllene | <0.1%                      |
| Humulene               | <0.1%                      |

### **Water Activity and pH**

| Water Activity<br>(Aw) | pH   |
|------------------------|------|
| 0.80                   | 5.44 |

Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **SBO-170328-RV**

Customer Name: Advanced Grow Labs, LLC  
Customer Address: 400 Frontage Road  
West Haven, CT 06516  
Phone Number: 475-227-0028

Results issued on: 2/14/2017 COA No.: 21021317-A

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| SBO-170127-0      | 3224-1    | Quality Control Analysis   |
|                   | 3224-2    | Active Ingredient Analysis |
|                   | 3224-2    | Terpene Analysis           |

### Quality Control Results

| <u>Analysis</u> | <u>Test Conducted</u>                | <u>Specification</u> | <u>Results</u><br>(Pass/Fail) |
|-----------------|--------------------------------------|----------------------|-------------------------------|
| Microbiology    | Total Aerobic Microbial Count        | <2,000 CFU/g         | Passed                        |
|                 | Total Yeast and Mold Count           | <200 CFU/g           | Passed                        |
|                 | Bile-tolerant Gram-negative Bacteria | Not Present          | Passed                        |
|                 | <i>Staphylococcus aureus</i>         | Not Present          | Passed                        |
|                 | <i>Pseudomonas aeruginosa</i>        | Not Present          | Passed                        |
| Mycotoxins      | Aflatoxin B1                         | < 20 ug/Kg           | Passed                        |
|                 | Aflatoxin B2                         | < 20 ug/Kg           | Passed                        |
|                 | Aflatoxin G1                         | < 20 ug/Kg           | Passed                        |
|                 | Aflatoxin G2                         | < 20 ug/Kg           | Passed                        |
|                 | Ochratoxin A                         | < 20 ug/Kg           | Passed                        |
| Heavy Metals    | Arsenic - As                         | < 4.206 ug/g         | Passed                        |
|                 | Cadmium - Cd                         | < 2.704 ug/g         | Passed                        |
|                 | Mercury - Hg                         | < 8.712 ug/g         | Passed                        |
|                 | Lead - Pb                            | < 8.712 ug/g         | Passed                        |
| Pesticides      | See attachment A                     |                      | Passed                        |

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Client Lot Number: **SBO-170127-0**

### **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 280-mg of product | mg per 420-mg of product | mg per 530-mg of product |
|------------------------------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 0.1%                    | 0.3                      | 0.4                      | 0.5                      |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 78.7%                   | 220.4                    | 330.5                    | 417.1                    |
| Cannabidiol Acid (CBD-A)                                   | <0.1%                   | <0.1                     | <0.1                     | <0.1                     |
| Cannabidiol (CBD)                                          | 0.2%                    | 0.6                      | 0.8                      | 1.1                      |
| Cannabigerol Acid (CBG-A)                                  | <0.1%                   | <0.1                     | <0.1                     | <0.1                     |
| Cannabigerol (CBG)                                         | 1.4%                    | 3.9                      | 5.9                      | 7.4                      |
| Cannabinol (CBN)                                           | 0.5%                    | 1.4                      | 2.1                      | 2.7                      |
| Cannabichromene (CBC)                                      | 1.0%                    | 2.8                      | 4.2                      | 5.3                      |

### **Terpene Content Results**

*via Gas Chromatography Mass Spectrometry (GC-MS)*

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pinene       | <0.1%                   |
| $\beta$ -Pinene        | <0.1%                   |
| $\beta$ -Myrcene       | 0.1%                    |
| Limonene               | 0.7%                    |
| Ocimene                | <0.1%                   |
| Linalool               | 0.2%                    |
| $\beta$ -Caryophyllene | 0.8%                    |
| Humulene               | 0.3%                    |



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **SBO-170127-0**

### Attachment A

| Pesticide                         | Residue limits according to EPA<br>in parts per billion (ppb) | Results |
|-----------------------------------|---------------------------------------------------------------|---------|
| Avermectin (abamectin)            | < 10                                                          | Pass    |
| Acequinocyl                       | < 20                                                          | Pass    |
| Bifenazate                        | < 100                                                         | Pass    |
| Bifenthrin (synthetic pyrethroid) | < 50                                                          | Pass    |
| Cyfluthrin (synthetic pyrethroid) | < 20                                                          | Pass    |
| Etoxazole                         | < 10                                                          | Pass    |
| Imazalil                          | < 100                                                         | Pass    |
| Imidacloprid                      | < 50                                                          | Pass    |
| Myclobutanil                      | < 20                                                          | Pass    |
| Paclobutrazol                     | < 400                                                         | Pass    |
| Pyrethrins (synthetic)            | < 50                                                          | Pass    |
| Spinosad                          | < 10                                                          | Pass    |
| Spiromesifen                      | < 20                                                          | Pass    |
| Spirotetramat                     | < 200                                                         | Pass    |
| Trifloxystrobin                   | < 50                                                          | Pass    |

